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WHOLESALE CATALOGUE



Geo.K.//
MADELINE H. STEFFY, Prop.

746 New Holland Ave. Lancaster, Penna. Phone 2-2773

Quality Cultured

CHRYSANTHEMUMS



SEEDS
BULBS
PLANTS
INSECTICIDES

TERMS OF SALE

- 1. The minimum total order that can be accepted is for 50 cuttings.
- 2. Fifty of each variety is the minimum that can be supplied.
- 3. More than 50 of a variety must be in multiples of 50.
- No C.O.D. orders. Prices subject to change without notice.
- 5. SAFE ARRIVAL cannot be guaranteed. All shipments must be in satisfactory condition before being accepted by the common carrier. Our responsibility ceases upon receipt of shipment by their agent. If shipment arrives in bad order, i.e., broken, frozen or heated, call your express agent, have him inspect shipment and mark condition on the express receipt. Customer must file claim against the common carrier.

SUBSTITUTIONS—Our growers will substitute equal or better varieties for items not available unless order is marked NO SUBSTITUTIONS! To avoid substitutions, place your order 6 months before delivery date.

CHANGES OR CANCELLATIONS on orders must be received at least 30 days before shipping date!

DISCOUNTS—2% for cash with an order for plants or rooted cuttings.

AIR SHIPMENTS—If you live in or near a city with air service, check the rates. In many cases you will find them almost as cheap as railway express rates and delays in transit will be avoided.

We, Geo. K. Groff, act as agents for the growers and we do not warrant in any way, expressed or implied, the description, quality, productiveness or any other matter of any cuttings or plants sold by us. We will in no way be responsible for failure to deliver on dates requested. If the customer does not accept the goods on above terms he must return them at once, and money will be refunded or proper credit given. We exercise the greatest care to all our orders with the highest quality possible, as it is our aim to give our customers fullest satisfaction.

All goods are offered subject to crop failures, shortages or other causes beyond our control and to being unsold on receipt of order and we reserve the right to advance prices without notice.

DESCRIPTIONS OF NEW 1955 INTRODUCTIONS

- VESTA Oct. 25. (De Petris) A trim White button Pompon for summer and early fall flowering. Best during the long day period of the year June thru August.
- **CREAM HALO** Nov. 1. (Avon Valley) Excellent cream colored sport of Halo with the same recommended season of flowering as Halo.
- **CREAM SHASTA** Nov. 10. (Delworth) Beautiful color addition to the Shasta group for year round flowering.
- WHITE MEMORIAL Nov. 12. Pure white sport except when grown cold. Fine May to November.
- WHITE TAFFETA Nov. 15. (Knouse & Cruden) Pure white sport of Taffeta.
- **ILLINI STARFLOWER** Nov. 18. (Univ. of Ill.) Semi-anemone form. A Novelty in white for the retail grower.
- **SILVERCREST** Nov. 25. Small white formal pompon. Markedly improves the appearance and quality of Snowcrest. Well adapted for flowering November thru March.
- ILLINI PEACE Nov. 25. (Univ. of Ill.)
 A productive White anemone for Thanksgiving.
- **ORWAY** Dec. 8 (De Petris) Large white single. An improvement over Yukon in flower quality and growth habit.
- **WHITE SNOWDROP** Dec. 8. Pure white sport of Snowdrop.
- GOLDFINCH Oct. 25 (De Petris) Small yellow golden button pompon with excellent flower quality. Withstands high temperature well. An outstanding competitor of the variety Sunup for spring, summer and fall flowering.
- **IMAMURA YELLOW** Oct. 25. Intermediate yellow daisy for early cloth house.
- YELLOW SCULPTURE Nov. 15. (Avon Valley) Lemon yellow sport of Sculpture, as valuable in the year-round program as Sculpture itself.
- MINGO CHIEF Nov. 20 (Brehmer) Bronzy yellow anemone best described as a yellow Yolanda but with a stronger growth habit and heavier production.
- **GOLD MEDAL** Dec. 1. Small yellow button pompon for October to April flowering.
- YELLOW COTILLION Dec. 5. Lemon Yellow sport of Cotillion.
- YELLOW SATELITE Dec. 10. Yellow sport of Satelite.
- GOLDIE Dec. 10. Deep yellow small pompon. Preferred by some over Yellow Snowcrest.
- JETFIRE Nov. 5. Intermediate flaming red decorative. A color that holds even in high temperatures. Well adapted for spring and fall pot plants grown either as spray or disbud. Outstanding in the cloth house.

- **FIREGLEAM** Nov. 10. A fiery orange intermediate decorative. An outstandingly brilliant color that holds beautifully. Is fine in pots with partial or no disbudding.
- BRONZE PANDORA Nov. 10. (Smith) Bright coral bronze sport of Pandora.
- BARBARA FULLER Nov. 10. (Fairfield) A dark coral red anemone. Dwarf compact growth habit. Excellent for flowering as a pot plant in October, November and December.
- RUBAIYAT Nov. 20. Velvety red intermediate for mal pompon. Unequaled for October thru Christmas flowering. Improves Christmas greeting in color, form and production.
- DK. BRONZE MINUET Nov. 23. A rich deep salmon bronze sport of Br. Minuet.
- **RED HERITAGE** Dec. 1. Salmon red sport of Heritage.
- **©RANGE GALAXY** Dec. 1. A color sport of Galaxy. Color very nearly that of Orange Beauregard.
- RED MINSTREL Dec. 13. (Delworth) A sport of Bronze Minstrel with a lively red glow added. This color is easier to use than that of Br. Minstrel. A quality pompon for November and December.
- **TSUKUSHI PINK** Oct. 20. Intermediate light pink single for the very early cloth house.
- PARISIENNE Nov. 5. (Delworth) Intermediate shell pink single. This variety grows and flowers satisfactorily at all seasons where Shasta is satisfactory (late March to November). The color is a close to true pink as exists in the chrysanthemum. The favorite pink single to rotate with Brocade and a color far better than that of Reward.
- **CRITERION** Nov. 8. Int. pink decorative with a vigorous compact growth habit. A New and valuable year round pink pot plant variety. Almost the equal of Bonnafon DeLuxe in pink. Also a fine cut flower variety for spring and fall. Best grown disbudded.
- HUMDINGER Nov. 10. An intermediate to large formal pompon. Color has been described as a luminous violet purple. A perfectly ideal pot plant type of growth habit. An interesting disbud pot plant for fall, winter and early spring.
- **DK. PINK MINUET** Nov. 23. A deep pink sport of Minuet.
- IMP. PK. MINSTREL Dec. 13. (Delworth) From a designers and retailers standpoint, this is the best of the Minstrels. Its color resembles that of Pink Dot and it does not deteriorate rapidly with maturity. The shade and tone are both right. Minstrel had form and substance. Imp. Pk. Minstrel has form, substance and color.
- LYNDA MC LANE Dec. 25. (McLane) A late pink pompon with a growth habit that does not run into blind growth and a color that is highly acceptable. A much needed variety for the late natural crop.

- **SILVER QUEEN** Oct. 25. (De Petris) White Fugi mum. Better than Rayonnante. Important in the spring and fall program.
- WHITE MARY GARDEN Nov. 1. White sport of Mary Garden.
- SMITHS CREAM WHITE Dec. 13. (Schneider) A beautiful smooth cream colored sport of Smiths White. Excellent form and good depth of flower.
- LUYONA Oct. 25. (De Petris) Large yellow spider mum with quality blooms.
- YELLOW IVANHOE Nov. 1. Golden yellow sport.
- YELLOW CURLY SPIDER Nov. 5. Clear yellow spider mum. Good shipper.
- ANTIQUE Nov. 1. A bronze spider mum for cut flower and pot plant use.
- **DELAWARE** Nov. 8. A large semi-incurved reddish bronze standard. An outstanding pot plant for fall, winter and spring. The growth habit and the color make this the number one bronze pot blant.
- MRS. EISENHOWER Nov. 18. (De Petris) A vivid golden bronze spider mum with excellent substance and form. Vigorous grower.
- **ILL. REGAL** An unusual royal purple pompon which is quite striking. A very novel color. Maturing around November 12. It is a pompon of good form.
- **ILL. SPRINGTIME** A warm rich truly pink single of good shipping qualities. Flowers are placed well on the stem. Hard to beat in its class for year round production. Matures November 12.
- ILL. WAMPUM An attractive bright yellow anemone with unusually high production. Very stiff stems supporting a well placed flower head. Matures November 22.
- WEDDING BELLS (De Petris) An intermediate white pompon with bright green eye. Flowers have outstanding substance and are produced on well formed sprays with rigid pedicles. A very useful 13 week variety for extending the season. Flowers normally around Dec. 5.
- SNOWFLAKE (De Petris) A free growing intermediate white pom with cream center good form and spray formation. Exceptionally good shipping qualities. Its uniform response makes this a very valuable variety for extending the season through February. Matures Dec. 5.
- RED ENCHANTRESS (Kawachi) A vivid red sport of Enchantress which will make a valuable addition to the 13 week class. Should be very useful for extending through the Christmas holidays and later. Matures Dec. 5.
- YELLOW ENCHANTRESS (Kawachi) A lemon yellow sport of Enchantress, responds uniformly to lights and can be used December through February for extended blooming. Matures Dec. 5.

NEW GARDEN VARIETIES 1955

- CRYSTAL MAID A creamy white pompon flowering September 12. Very compact growth with an abundance of showy flowers. Another good addition to spring garden pots or as a showy border plant.
- GARDENIA Large white decorative type blooms with creamy white center. Flowers are very double measuring 3½" or more in diameter. A very profuse blooming variety combining extreme vigor and strong stems with excellent foliage. An outstanding large white mum blooming September 25. Possessing beautiful large form and a sturdy semidwarf growth habit. An outstanding garden mum.
- ALPENA Glowing red large pompon type garden mum blooming about September 25th. Blooms are full double possessing very good substance. They are carried on erect sprays on bushy medium dwarf plants with very good foliage. An excellent red early garden mum derived from the Rubellum strains which combines good color with vigor and hardiness.

- IRON MOUNTAIN An intriguing deep red pompon changing to a reddish rust as the flower matures. A plant that can easily be displayed well as a showy border or useful as a home cut flower. Matures around October 1.
- spode A very perfectly incurved flower attaining a size of 4" when disbudded. Blooms are very full and round. The color is clear luminous yellow. Compact bushy habit with strong upright stems. A very free flowering large mum suitable for garden or pots either Fall or Spring. Normal blooming date is the first week in October. Its large round yellow blooms and compact bushy habit makes this variety an ideal pot mum.
- NORTHERN QUEEN Large double flowered pink decorative variety with center shading to deep pink. A very durable and lasting flower. Sturdy medium dwarf growth habit with very strong stems. Beautiful shiny glossy foliage reflecting its Arctic heritage. An excellent large pink garden mum which blooms the first week in October.

- SONNY A true pink clean growing pompon that shades well in the Cloth House and holds its color. Stiff stems with rigid pedicles. Makes a fine addition to the garden variety cut flower class. Matures October 1.
- HONEYSWEET Early large golden yellow incurved. Can be flowered early enough for the garden. Will make a full compact pot plant which appears to be heat tolerant under the shade cloth. Matures October 15.
- VALIANT Large light yellow incurved flowering October 15. Luxuriant dark green foliage with short internodes. Makes an attractive pot plant mid March to January.
- GOLDFINCH Vigorous growing solid type pompon producing lively looking flower heads on clean sturdy stems. Better than average in its production. Flowers October 15.

RECOMMENDED PINCHING DATES FOR

LATITUDE 44° - 45° NORTH

New England, New York, Pennsylvania, Northern Ohio, Northern Indiana, Northern Illinois, Iowa, Minnesota, Wisconsin, Michigan, Washington and Oregon.

When Planting Nov. 15th to Feb. 14th	allow	5	weeks plant to pinch.
When Planting Feb. 15th to May 14th	allow	4	weeks plant to pinch.
When Planting May 15th to Aug. 14th	allow	3	weeks plant to pinch.
When Planting Aug. 15th to Nov. 14th	allow	4	weeks plant to pinch.

AMERICAN GROWN AND IMPORTED BULBS

Fall and Spring Planting

NARCISSUS
IRIS
LILIES
TULIPS
FREESIA
HYACINTHS
TUBEROUS BEGONIA
CROCUS
GLOXINIAS

FIELD GROWN CARNATIONS

We can supply your needs in Field Grown Carnations for the 1955 Season; clean well branched Field Grown Stock July and later. Note: Write for prices and further information on Bulbs and Carnations.

White Pompons, Decoratives Singles & Anemones

Variety	Normal Pinch Date	Flowering Date	Description (Price Classification
		6 Week Varieties		
Ostosa Sept. Morn White Wonder Chris. Columbus	June 20 June 24 June 24 June 24	Sept. 25 Oct. 1 Oct. 1 Oct. 1	Int. Pompon Int. Single Int. Pompon Int. Decorative	P-1 S-1 S-1 S-3
		7 Week Varieties		
Avalanche White Cloud Horizon Marshmallow Maestro Renown Classic Silverplate	June 24	Oct. 5 Oct. 5 Oct. 5 Oct. 5 Oct. 10 Oct. 10 Oct. 10	Large Decorative Large Decorative Int. Pompon Int. Single Int. Pompon Small Single Int. Pompon Int. Decorative	S-1 S-1 S-2 P-2 S-1 S-1 S-2 S-2
		8 Week Varieties		
Silver Ball Calif. White Daisy	July 10	Oct. 15	Large Pompon	S-4
(Kimoto's White) Irene Norona Pristine Minong Silvertone	July 10 July 10 July 10 July 10 July 10 July 10 July 15	Oct. 15 Oct. 15 Oct. 15 Oct. 20 Oct. 20 Oct. 24	Int. Single Small Pompon Small Pompon Int. Pompon Small Pompon Int. Single	S-2 S-2 S-2 S-3 S-1 P-2
		9 Week Varieties		
Vesta Popcorn White Popcorn Keepsake Pinocchio Songster Cottontop Shooting Star *Granite State Arcadia Silver Cloud Halo Cream Halo Sea Gull White Doty	July 15 July 15 July 15 July 15 July 15 July 15 July 20	Oct. 25 Oct. 28 Nov. 1	Button Pompon Int. Pompon Int. Pompon Int. Pompon Int. Pompon Small Pompon Int. Pompon Small Semi Incurved Int. Pompon Int. Single Small Semi Incurved Int. Single Int. Pompon Int. Single Int. Pompon Int. Single Daisy Int. Pompon Large Pompon	P-1 S-3 S-2 S-2 S-3 S-1 S-1 S-2 P-2 S-3 P-1 S-3
		10 Week Varieties	21	
Freedom Whitetop Madonna Kolowa Encore White Anemone White Mensa Rev. Bushnell Moonglow **Pacesetter Illini Igloo Shasta Cream Shasta Dynamo Vesper Nagona (Calif. White Mensa **Little America Illini Snowdrift Matchless White Memorial Wh. Frieda White Taffeta	July 20 July 19 July 20 July 22	Nov. 5 Nov. 8 Nov. 8 Nov. 10 Nov. 12 Nov. 12 Nov. 12 Nov. 12 Nov. 15 Nov. 15	Int. Single Int. Decorative Int. Pompon Int. Single Int. Pompon Large Anemone Large Single Int. Pompon Int. Single Int. Pompon Int. Single Int. Pompon Int. Pompon Int. Pompon Large Anemone Anemone Int. Pompon Int. Pompon Int. Pompon Int. Pompon Int. Anemone Novelty-Int. Decorat Int. Pompon Int. Anemone Anemone Int. Anemone Anemone Int. Anemone	P-2 P-2 S-1 S-2 S-2 S-2 P-3 S-2 P-1 S-2 S-2 S-2 S-2 P-1 S-3 P-1 S-3 P-1
	T 1 00	11 Week Varieties	Larga Cingla	C 0
Sculpture White Norma Eskimo	July 22 July 22 July 22	Nov. 15 Nov. 15 Nov. 15	Large Single Large Anemone Int. Single	S-2 S-2 S-1

^{**}Also recommended for Pot Plants

White Pompons, Decoratives Singles & Anemones

Variety	Normal Pinch Date	Flowering Date	Description (Price Classification
		11 Week Varieties		
Snowflurry Illini Starflower Seafoam **L. I. Beauty Highbrow Nevada Priscilla Illini Bountiful Crystal Beauty Paramount	July 22 July 22 July 25 July 28 July 25	Nov. 15 Nov. 18 Nov. 20 Nov. 20 Nov. 20 Nov. 20 Nov. 20 Nov. 23 Nov. 23 Nov. 23	Small Pompon Semi Anemone Int. Pompon Large Anemone Int. Decorative Int. Anemone Int. Pompon Int. Pompon Int. Pompon Int. Pompon Int. Pompon	S-2 P-1 S-2 S-3 S-3 S-2 S-3 S-1 S-2 S-3
		12 Week Varieties		
Belray Wh. Yuletide **White Lady Silvercrest Illini Peace White Valencia Cordova Fortune Monarch Carrara	Aug. 5 Aug. 1 Aug. 1 Aug. 1 Aug. 1 Aug. 5 Aug. 5 Aug. 5 July 28 Aug. 10	Nov. 24 Nov. 25 Nov. 25 Nov. 25 Nov. 25 Nov. 28 Nov. 30 Dec. 1 Dec. 1	Large Pompon Med. Pompon Large Anemone Formal Pompon Anemone Large Single Int. Pompon Int. Pompon Int. Decorative Int. Decorative	S-3 S-4 P-3 P-1 P-1 S-3 S-2 S-3 S-1 P-3
		13 Week Varieties		
Wh. Enchantress (New) Cameo Acclaim Swan Spangles Cotillion Orway Snowdrop White Snowdrop Illini Starlet Imp. White Supreme Snowflake Snow Queen Yukon Illini Starlet Satellite	Aug. 10 Aug. 10 Aug. 1 Aug. 10	Dec. 5 Dec. 5 Dec. 5 Dec. 5 Dec. 5 Dec. 5 Dec. 8 Dec. 8 Dec. 8 Dec. 10	Large Anemone Int. Decorative Int. Pompon Large Anemone Int. Pompon Small Pompon Single Small Pompon Button Pompon Int. Anemone Large Anemone Int. Pompon Int. Pompon Int. Single Int. Anemone Int. Pompon	P-2 S-3 S-2 S-2 S-2 P-1 S-2 P-1 P-2 P-1 S-2 P-1 S-2 P-2 S-2 S-2
		14 Week Varieties		
Trenton Snowcrest Silversmith Cream Snowcrest Snowcap Garza Heirloom Wedding Bells	Aug. 10 Aug. 10 Aug. 10 Aug. 10 Aug. 10 Aug. 10 Aug. 10 Aug. 10	Dec. 15 Dec. 15 Dec. 15 Dec. 15 Dec. 15 Dec. 15 Dec. 20 Dec. 20	Int. Pompon Small Pompon Int. Decorative Small Pompon Large Pompon Int. Anemone Int. Decorative Small to Med. Pompo	P-2 S-3 S-4 P-3 S-3 S-3 S-2 on P-1
	A 4 70	15 Week Varieties		
Muto's White Revelation Snow Talmeda Illini Snowbound	Aug. 15 Aug. 15 Aug. 10 Aug. 15 Aug. 15	Dec. 25 Dec. 25 Dec. 25 Jan. 5 Jan. 5	Large Pompon Int. Decorative Int. Pompon Int. Pompon Int. Decorative	S-4 S-4 S-3 P-2 P-3

Yellow Pompons, Decoratives Singles & Anemones

		6 Week Varieties		
Yel. Chris. Columbus	June 24	Oct. 1	Int. Decorative	S-3
Moonlight	June 24	Oct. 1	Int. Decorative	P-3
Honeycomb	June 24	Oct. 1	Small Pompon	S-1

^{**}Also recommended for Pot Plants

Yellow Pompons, Decoratives Singles & Anemones

Variety	Normal Pinch Date	Flowering Date	Description	Price Classification
		7 Week Varieties		
Polaris Chas. Nye Garland Yellow Spoon Lee Powell Goldrush Treasure Bright Forecast Lemonade Sweepstake	June 24	Oct. 5 Oct. 5 Oct. 5 Oct. 5 Oct. 10 Oct. 10 Oct. 10 Oct. 10 Oct. 12 Oct. 12	Int. Single Int. Decorative Int. Single Int. Spoon Large Decorative Small Single Small Pompon Small Pompon Int. Decorative Small Pompon	S-2 S-1 S-2 P-3 S-2 S-1 S-2 S-2 S-1
	7 1 10	8 Week Varieties		C. 0
Yel. Irene Arlora Sundew Creampuff Moondrift Rodell Imp.	July 10 July 10 July 10 July 5 July 10 July 10	Oct. 15 Oct. 15 Oct. 15 Oct. 20 Oct. 20 Oct. 20	Small Pompon Int. Decorative Decorative Int. Single Int. Single Small Pompon	S-2 P-2 P-0 P-2 P-3 S-3
		9 Week Varieties		
**Ordalia Starlight Golden Herald Goldfinch Gold Coast Red Dot Yellow Dot Cream Dot Imamura Yel. Firebird Aztec Sunup Yellow Arcadia Sauterne Gondola Mary Gold Mary Hall Yellow Halo Schn. Yel. Daisy Yellow Doty Starbright Yellow Daisy Yellow Cassandra Sunray Honeymoon	July 12 July 20	Oct. 25 Oct. 28 Oct. 28 Oct. 28 Oct. 28 Oct. 30 Oct. 30 Nov. 1	Large Decorative Large Single Large Decorative Small Button Int. Pompon Med. Pompon Int. Pompon Int. Pompon Int. Daisy Med. Decorative Int. Single Small Pompon Int. Single Int. Pompon Int. Pompon Int. Pompon Int. Pompon Int. Single Int. Single	P-2 P-2 S-4 P-0 S-3 S-2 S-1 S-2 S-2 P-2 S-2 P-2 S-3 S-2 S-2 S-3 S-2 S-1 S-2 S-2 P-2
1101109 1110011	0 413	10 Week Varieties		
Barcarole Brigadoon Crescendo Constellation Pixie Nuggets Golden Mensa Yellow Shasta	July 20 July 20 July 20 July 20 July 20 July 20 July 15 July 25	Nov. 5 Nov. 5 Nov. 5 Nov. 5 Nov. 5 Nov. 5 Nov. 10	Int. Pompon Int. Single Large Pompon Int. Decorative Small Pompon Small Pompon Large Single Large Anemone	S-3 S-2 S-3 S-2 S-2 S-1 S-4
Yellow Nagona (Calif. Yel. Mensa) Ill. Gold Cup Yel. Beauty	July 20 July 25 July 25	Nov. 10 Nov. 10 Nov. 10	Int. Single Large Pompon Large Pompon	S-1 S-1 S-1
		11 Week Varieties		
Princeton Thorobred Yel. Sculpture Golden Chord Forty-Niner Yellow Fellow Susanne Miller Tacoma	July 28	Nov. 15 Nov. 15 Nov. 15 Nov. 15 Nov. 15 Nov. 15 Nov. 15 Nov. 15	Int. Decorative Large Single Large Single Int. Pompon Int. Pompon Int. Decorative Large Anemone Large Pompon	S-2 S-1 P-1 S-3 S-4 S-2 S-2 P-3

^{**}Also recommended for Pot Plants

Yellow Pompons, Decoratives Singles & Anemones

Variety	Normal Pinch Date	Flowering Date	Description	Price Classification
		11 Week Varieties		
Illini Brave Yel. L. I. Beauty Mingo Chief Yel. Highbrow Lollipop Pippin Klondike Bojangles Yellow Nevada Illini Sunspot Yellow Rolinda	July 28 Aug. 1 July 25 Aug. 1 Aug. 1 Aug. 1	Nov. 16 Nov. 20 Nov. 23 Nov. 23	Small Pompon Large Anemone Anemone Int. Decorative Int. Pompon Int. Pompon Int. Pompon Int. Single Int. Anemone Large Pompon Int. Pompon Med. Anemone	S-1 S-2 P-1 P-3 S-3 S-2 S-2 S-2 S-2 S-2 S-3
		12 Week Varieties		
Illini Wampum Goldenrod Illini Gold Yellow Priscilla Goldsmith Highlander Sunnyside Champagne Yellow Valencia Golden Jane Yellow Fortune Omega Nosegay Yel. Galaxy Gold Medal	Aug. 5 July 28 Aug. 5	Nov. 25 Nov. 25 Nov. 25 Nov. 25 Nov. 25 Nov. 25 Nov. 25 Nov. 25 Nov. 28 Nov. 30 Dec. 1 Dec. 1 Dec. 1 Dec. 1	Anemone Int. Pompon Int. Pompon Int. Pompon Med. Decorative Large Decorative Int. Decorative Int. Single Large Single Large Single Int. Pompon Int. Pompon Int. Pompon Int. Pompon Small Pompon Int. Single	P-1 S-2 S-1 S-3 S-3 S-3 S-2 S-2 S-2 S-2 S-3 P-1
Gold Medal	Aug. 5		Small Button	P-1
Yellow Acclaim (New) Golden Harvest Yellow Cotillion Brandywine Jack-Pot Symmetry Yel. Enchantress Yel. Swan Yel. Cameo Yel. Spangles Cinderella Goldtone Yel. Satelite Imp. Yel. Supreme Goldie Challenge Corsair	Aug. 10 Aug. 1 Aug. 10 Aug. 1 Aug. 10	13 Week Varieties Dec. 5 Dec. 10 Dec. 10 Dec. 10 Dec. 12 Dec. 12	Large Pompon Small Pompon Small Pompon Int. Decorative Large Decorative Int. Pompon Large Anemone Large Anemone Int. Decorative Int. Pompon Int. Single Int. Single Int. Pompon Large Anemone Small Pompon Int. Single Large Pompon	P-2 S-1 P-1 S-1 S-2 P-3 S-1 S-2 P-3 S-2 P-1 S-2 P-1 S-2
		14 Week Varieties		
Yellow Riviera Yel. Snowcrest Yel. Garza Sequin Shamrock December Gold Sunkist Vibrant Revelry Gold Seal Sunrise Golden Anniversary Yellow Revelation	Aug. 10 Aug. 5 Aug. 5 Aug. 5 Aug. 10 Aug. 10 Aug. 10 Aug. 10 Aug. 10 Aug. 10 Aug. 10 Aug. 10 Aug. 10	Dec. 15 Dec. 20 Dec. 25	Int. Decorative Small Pompon Int. Anemone Small Pompon Large Decorative Int. Decorative Int. Single Int. Decorative Int. Decorative Int. Decorative Int. Pompon Small Pompon Med. Pompon	S-2 S-2 S-2 S-1 S-3 S-2 S-1 S-2 S-3 S-2 S-3
Siren	Λ11σ 15	15 Week Varieties	T 4 T	
Yuleflame Yellow Snow Ill. Yel. Snowbound	Aug. 15 Aug. 15 Aug. 10 Aug. 15	Dec. 25 Dec. 25 Dec. 25 Jan. 5	Int. Decorative Large Decorative Int. Pompon Int. Decorative	S-3 S-3 S-3 P-3

^{**}Also recommended for Pot Plants

Bronze & Red Pompons Decoratives, Singles & Anemones

Variety P	Normal Pinch Date	Flowering Date	Description	Price Classification
		6 Week Varieties		
W. P. Snyder	June 24	Oct. 1	Int. Decorative	S-1
Marionette	June 24	Oct. 1	Small Pompon	S-1
Mogul	June 24 June 24	Oct. 1 Oct. 1	Small Decorative	P-3
Bonfire	June 24	Oct. 1	Int. Pompon	S-1
		7 Week Varieties		
Avalon	June 24	Oct. 5	Small Pompon	P-3
*Remembrance Mona	June 24 June 24	Oct. 5 Oct. 5	Int. Decorative	S-1 S-1
Huntsman	June 24	Oct. 5	Small Pompon Int. Decorative	S-1 S-1
Firecracker	June 24	Oct. 5	Int. Decorative	S-1
Regina	June 24	Oct. 5	Large Informal	P-1
Buckeye	June 24 June 24	Oct. 8 Oct. 8	Int. Pompon	P-2
Panorama Red Velvet	June 24	Oct. 10	Small Pompon Int, Decorative	P-3 S-1
Bamboo	June 24	Oct. 10	Small Single	S-1
Blueblood	June 24	Oct. 10	Int. Decorative	P-3
Calico	June 24 June 24	Oct. 10 Oct. 10	Small Single	S-1
Caravan Carmine Queen	June 24 June 24	Oct. 10	Int. Decorative Small Pompon	S-1 S-1
Carnival	June 24	Oct. 10	Small Pompon	S-2
Fireside	June 24	Oct. 10	Int. Decorative	S-1
Nokomis	June 24	Oct. 12	Int. Decorative	S-1
Fashion Nocturne	June 24 June 24	Oct. 12 Oct. 12	Med. Decorative Small Pompon	P-3 S-1
Nytoda	June 24	Oct. 12	Int. Single	P-3
Carmelita	June 24	Oct. 12	Int. Decorative	S-1
Witchery	June 24 June 24	Oct. 12 Oct. 12	Int. Decorative	S-1
Mrs. Du Pont Admiral	June 24 June 24	Oct. 12	Large Decorative Int. Decorative	S-2 S-1
Moonmaid	June 24	Oct. 14	Int. Pompon	P-2
		8 Week Varieties	A	
Dahinhua	June 15	Oct. 15	Int. Decorative	S-1
Robinhue Red Glow	June 15	Oct. 15	Int. Decorative	S-1 S-1
Cocktail	June 15	Oct. 15	Int. Pompon	P-3
Rajah	July 15	Oct. 15	Int. Single	S-1
Detroiter	July 15 July 15	Oct. 15 Oct. 15	Small Pompon Small Pompon	S-1
James Stewart Talisman	July 15	Oct. 20	Int. Single	S-2 P-2
Adelaide	July 15	Oct. 20	Small Pompon	S-3
Paradise	July 15	Oct. 20	Int. Single	P-2
Jemima Pallatta	July 15 July 15	Oct. 20 Oct. 20	Large Pompon Int. Single	S-3
Pallette Br. Mary McArthur	July 20	Oct. 23	Small Pompon	P-2 S-1
	0 11-0	9 Week Varieties		
Donton	July 20	Oct. 25	Med. Pompon	S-2
Bonton Gaiety	July 20	Oct. 25	Int. Single	P-2
Firebird	July 20	Oct. 25	Int. Decorative	S-2
Bronze Dot	July 14	Oct. 25	Int. Pompon	S-3
Oct. Bronze	July 20 July 20	Oct. 28 Oct. 25	Med. Single Int. Single	S-2 S-3
Buckskin **Hilarity	July 25	Nov. 1	Int. Single	P-2
Seneca	July 14	Nov. 1	Int. Decorative	S-2
Firefly	July 14	Nov. 1	Int. Pompon	S-2
Bronze Daisy	July 15 July 15	Nov. 1 Nov. 1	Int. Single Int. Single	S-2 S-1
Imp. Br. Daisy (Katoka Red) Buccaneer	July 25	Nov. 1	Int. Single	S-1 S-2
Red Seneca	July 25	Nov. 1	Int. Decorative	\tilde{S} - $\bar{2}$
Br. Buckingham	July 25	Nov. 1	Int. Single	S-1
Navaho	July 25	Nov. 1 Nov. 1	Int. Pompon Int. Single	S-2 S-2
Red Daisy Imp. Red Daisy (Adachi Red)	July 15 July 15	Nov. 1	Int. Single Int. Single	S-2 S-2
imp. Iteu Daisy (Auaciii Iteu)	oury 10			2
	T 1 OF	10 Week Varieties Nov. 5	Int Domnon	0.1
Comanche Jet Fire	July 25 July 25	Nov. 5	Int. Pompon Int. Decorative	S-1 P-1
Flame Glow	July 25	Nov. 5	Int. Single	P-2
Orange Beauregard	July 25	Nov. 5	Int. Pompon	P-2

^{**}Also recommended for Pot Plants

Bronze & Red Pompons Decoratives, Singles & Anemones

W t. day	Normal Pinch Date	Flowering Date	Description	Price Classification
Variety	Thien Date	10 Week Varieties	Dosciption	0.14454.1445
Beauregard Butterscotch Cassandra Red Rust Rubicon Magician Bittersweet **Gypsy Samovar Firegleam Sylvanna Chanticleer Br. Pandora Chevron The Titan Bronze Thyra Barbara Fuller Illini Burma Europa **Copperhead Br. Linda Lou Br. Tuxedo Gold Braid Illini Rye Br. Masterpiece **Dk. Br. Masterpiece Paragon Illini Tangier **Red King **Cadet	July 25 July 20 July 20 July 25 July 25 July 25 July 25 July 25 July 20 July 25	Nov. 5 Nov. 8 Nov. 10 Nov. 11 Nov. 12 Nov. 12 Nov. 12 Nov. 12 Nov. 12 Nov. 12 Nov. 13 Nov. 14	Int. Pompon Int. Pompon Int. Pompon Int. Decorative Int. Decorative Int. Decorative Int. Single Small Anemone Int. Single Small Anemone Int. Decorative Int. Single Large Pompon Large Pompon Large Pompon Large Anemone Int. Pompon Anemone Large Pompon Large Single Large Decorative Int. Anemone Int. Pompon Large Pompon Large Pompon Large Anemone Int. Pompon	S-2 S-2 S-2 S-2 S-3 S-2 S-1 S-1 P-2 S-1 P-3 S-1 P-3 S-1 S-2 S-3 S-2 S-2 S-2 P-2 S-2 S-2 S-2 S-2 S-2 S-2 S-2 S-2 S-2 S
Cadet	oury 20	11 Week Varieties	int. Timemone	1 -2
Mrs. Dewey Shalimar Red Princeton Illini Honey Illini Redhead Illini Warrior Rubaiyat Legal Tender Rusticon Thelma Bourbon Carousel Festival Br. Minuet Dk. Br. Minuet **Red Rolinda	July 28 July 28 July 28 July 28 July 28 Aug. 1 Aug. 1 Aug. 1 July 25 Aug. 1 July 25 July 28 Aug. 1 July 25	Nov. 15 Nov. 15 Nov. 15 Nov. 15 Nov. 15 Nov. 17 Nov. 20 Nov. 23 Nov. 23 Nov. 23 Nov. 23 Nov. 23 Nov. 23	Large Single Int. Anemone Int. Decorative Small Pompon Small Pompon Int. Pompon Int. Formal Int. Decorative Int. Pompon Int. Pompon Int. Single Int. Single Int. Single Int. Pompon Int. Pompon Int. Anemone	S-2 S-1 S-2 S-1 S-2 S-2 S-2 S-1 S-2 S-2 S-2 S-2
		12 Week Varieties		
Illini Redwood Br. Goldsmith Wanakah Falcon Yolanda Indian Head Apricot Valencia Crimson Valencia Red Heritage Amberina Galaxy Orange Galaxy	Aug. 5 Aug. 1 July 28 July 28 Aug. 1 July 28 Aug. 1 July 28 Aug. 1 Aug. 1 Aug. 1 Aug. 1 Aug. 1	Nov. 25 Nov. 25 Nov. 25 Nov. 25 Nov. 28 Nov. 28 Nov. 28 Dec. 1 Dec. 1 Dec. 1	Int. Pompon Large Decorative Int. Single Int. Pompon Int. Anemone Large Single Large Single Large Single Int. Pompon Int. Decorative Int. Single Int. Single	P-2 S-3 P-3 S-2 S-1 S-2 S-2 S-2 P-1 S-3 P-1
		13 Week Varieties		
Dazzler Br. Enchantress Red Enchantress Debonair	Aug. 1 Aug. 5 Aug. 5 Aug. 10	Dec. 5 Dec. 5 Dec. 5 Dec. 5	Int. Single Large Anemone Large Anemone Large Pompon	S-1 S-1 P-1 S-2

^{**}Also recommended for Pot Plants

Bronze & Red Pompons Decoratives, Singles & Anemones

Variety	Normal Pinch Date	Flowering Date	Description	Price Classification
		13 Week Varieties		
Mahogany Viking Imp. Br. Supreme Br. Supreme Red Supreme Harlequin Holiday Cavalcade Pageantry Christmas Star Br. Minstrel Red Minstrel Dk. Br. Minstrel	Aug. 1 Aug. 10 Aug. 10 Aug. 5 Aug. 10 Aug. 5 Aug. 10 Aug. 4 Aug. 10 Aug. 10 Aug. 10 Aug. 5	Dec. 5 Dec. 10 Dec. 12 Dec. 13 Dec. 13 Dec. 13	Int. Decorative Large Anemone Large Anemone Large Anemone Int. Decorative Int. Single Med. Pompon Int. Pompon Int. Single Int. Pompon Int. Pompon Int. Pompon Int. Pompon	S-1 S-2 S-1 S-2 S-1 S-1 S-3 S-2 P-1 P-3
		14 Week Varieties		
Bronze Riviera **Claret Topaz Christmas Greeting Sarong Merrymaker Poinsettia	Aug. 15 Aug. 5 Aug. 15 Aug. 15 Aug. 5 Aug. 15 Aug. 15	Dec. 15 Dec. 15 Dec. 15 Dec. 15 Dec. 15 Dec. 20 Dec. 20	Int. Decorative Int. Single Large Single Int. Decorative Int. Single Int. Single Large Single	S-2 S-1 S-1 S-3 S-2 S-3 S-2

Pink Pompons, Decoratives Singles & Anemones

		6 Week Varieties		
Early Wonder Spellbound	June 24 June 24	Oct. 1 Oct. 1	Int. Pompon Int. Decorative	S-1 S-3
		7 Week Varieties		
Petrisian Mauve Petrisian Pink Petrisian Rose Courtier Dream Girl Ponca Argonne Lassie Serenade Orchid Spoon Joybringer Brigadier Sweetheart Allegro Masquerade Ronnie Salute Adagio Lavender Lady Sonnet Betty	June 24	Oct. 5 Oct. 5 Oct. 5 Oct. 10 Oct. 12 Oct. 14 Oct. 14	Int. Pompon Int. Pompon Int. Pompon Int. Decorative Int. Pompon Small Decorative Int. Pompon Int. Decorative Int. Single Int. Spoon Int. Pompon Int. Decorative Int. Single Int. Single Int. Single Int. Single Int. Single Int. Decorative Int. Single Int. Decorative Int. Single	P-1 P-1 P-1 S-1 S-1 S-1 S-1 S-1 S-1 S-1 S-1 S-1 S
		8 Week Varieties		
Fairyland Mayfair Jester Citation Enterprise Eliz. Hood Jewell Tsukushi Pink Mirth Carolyn Yosick Pink Sprite	July 15	Oct. 15 Oct. 20 Oct. 20 Oct. 20 Oct. 20 Oct. 23	Int. Decorative Int. Single Int. Single Int. Pompon Int. Pompon Int. Pompon Int. Pompon Int. Single Int. Single Int. Pompon Small Pompon Int. Pompon	P-2 P-2 P-2 P-3 P-3 P-3 S-2 S-1 P-2 S-3 S-1

^{**}Also recommended for Pot Plants

Pink Pompons, Decoratives Singles & Anemones

Normal Pinch Date	Flowering Date	Description	Price Classification
	8 Week Varieties		
July 14 July 18 July 20	Oct. 23 Oct. 23 Oct. 24	Small Pompon Med. Pompon Int. Single	S-2 S-3 P-2
	9 Week Varieties		
July 20 July 20 July 15 July 20 July 20 July 20 July 20 July 15 July 20 July 20 July 20 July 20	Oct. 25 Oct. 25 Oct. 25 Oct. 25 Oct. 25 Oct. 25 Oct. 25 Oct. 25 Oct. 25 Nov. 1	Int. Pompon Large Single Small Pompon Int. Single Int. Pompon Int. Pompon Int. Pompon Large Anemone Int. Single Int. Decorative	P-2 P-2 S-1 S-3 S-4 S-2 S-1 S-2 P-2
July 20 July 20 July 20 July 20 July 20 July 20 July 20	Nov. 1 Nov. 1 Nov. 1 Nov. 1 Nov. 3 Nov. 3	Int. Single Int. Single Int. Single Int. Single Large Pompon Int. Pompon Int. Decorative	S-2 P-3 S-2 S-2 P-2 P-2
	10 Week Varieties		
July 22 July 22 July 20 July 20 July 25	Nov. 5 Nov. 5 Nov. 8 Nov. 8 Nov. 8 Nov. 10 Nov. 11 Nov. 12 Nov. 12 Nov. 12 Nov. 12 Nov. 12	Int. Single Int. Pompon Int. Pompon Int. Pompon Large Decorative Int. Decorative Int. Decorative Int. Single Int. Single Large Decorative Int. to large Forma Int. Pompon Large Single Int. Anemone Int. Anemone Int. Anemone Int. Pompon Int. Anemone	P-1 S-2 S-2 P-2 P-2 P-2 P-2 P-2 P-2 S-2 S-3 S-2 S-1 P-3 P-1 S-2 S-2 S-2 S-2 S-2
	11 Week Varieties		
July 25 July 25 July 25 July 25 July 25 July 22 July 22 July 25 July 25 July 25 July 25 July 28 July 25 July 28	Nov. 15 Nov. 20 Nov. 23 Nov. 23	Int. Decorative Int. Anemone Large Anemone Int. Pompon Int. Anemone Int. Single Large Anemone Int. Pompon Int. Anemone Int. Pompon Int. Pompon Int. Anemone Int. Pompon Large Single Large Pompon Int. Spoon Int. Anemone Int. Pompon Int. Pompon Int. Pompon	S-3 P-2 SP-1 SP-2 SP-2 P-2 P-3 P-3 SP-3 P-3 SP-3 P-1 SSP-1 S
	July 14 July 18 July 20 July 25 July 28 July 2	S Week Varieties	Pinch Date S Week Varieties July 14

^{**}Also recommended for Pot Plants

Pink Pompons, Decoratives Singles & Anemones

Variety	Normal Pinch Date	Flowering Date	Description C	Price assification
		12 Week Varieties		
Pink Cloud Princess Hasegawa Pink **Beautiful Lady Valencia Dark Valencia Dubonnet Valencia Orchid Valencia Salmon Valencia Heritage	Aug. 1 Aug. 1 Aug. 1 Aug. 1 Aug. 1 Aug. 1 Aug. 1 Aug. 1 Aug. 5	Nov. 25 Nov. 25 Nov. 25 Nov. 25 Nov. 25 Nov. 28	Int. Decorative Small Pompon Int. Single Large Anemone Large Single Large Single Large Single Large Single Large Single Large Single Int. Pompon	P-2 S-2 S-3 S-3 S-3 S-3 S-1 S-2 S-2
		13 Week Varieties		~ 0
Enchantress Dark Enchantress Argyle Debutante Imp. Dk. Supreme Ruffled Supreme Minstrel Lt. Pk. Minstrel Dk. Pk. Minstrel Imp. Pk. Minstrel	Aug. 5 Aug. 1 Aug. 10 Aug. 10 Aug. 10 Aug. 15 Aug. 15 Aug. 15 Aug. 15 Aug. 15	Dec. 5 Dec. 5 Dec. 10 Dec. 10 Dec. 10 Dec. 10 Dec. 13 Dec. 13 Dec. 10 Dec. 10	Large Anemone Large Anemone Small Pompon Int. Single Large Anemone Large Decorative Int. Pompon Int. Pompon Int. Pompon Int. Pompon Int. Pompon	S-2 S-2 P-3 S-3 S-2 S-3 S-3 P-1 P-1
		14 Week Varieties		
Riviera Dk. Riviera Dk. Riviera Serrated Riviera Coronet Rosalind Defiance Medallion Rose Medallion Pk. Treas. Is. Lynda McLane	Aug. 10 Aug. 10 Aug. 10 Aug. 15 Aug. 15 Aug. 15 Aug. 15 Aug. 15 Aug. 15 Aug. 15	Dec. 15 Dec. 15 Dec. 15 Dec. 15 Dec. 15 Dec. 20 Dec. 20 Dec. 20 Dec. 20 Dec. 20 Dec. 20	Int. Decorative Med. Decorative Int. Decorative Int. Single Int. Single Int. Decorative Int. Pompon Int. Pompon Med. Decorative Int. Pompon	S-3 S-3 P-3 S-1 S-2 S-2 S-2 P-3 S-3 P-1
	V	Vhite Standards		
		8 Week Varieties		
Silver Sheen White Chief **Christina	July 10 July 10 July 12	Oct. 20 Oct. 20 Oct. 23	Int. Incurved Int. Incurved Small Incurved	S-3 S-2 S-2
		9 Week Varieties		
Nightingale **Granite State Ambassador **Wilson's White Albatross Snow White	July 20 July 20 July 20 July 20 July 20 July 20 July 20	Oct. 25 Oct. 25 Oct. 25 Nov. 1 Nov. 1 Nov. 1	Spider-Chartreuse Ctr Small Semi-Incurved Int. Semi-Incurved Int. Incurved Int. Incurved Large Incurved	S-2 S-3 S-2 S-2 S-4 S-3
		10 Week Varieties		
Betsy Ross Giant Betsy Ross **Ind. White **Richard Mandel Jean Elizabeth Crystal Queen White Pockett Monument White Fern Edwards Crystal Queen Mrs. Iwata	July 20 July 20 July 20 July 20 July 25	Nov. 5 Nov. 5 Nov. 5 Nov. 5 Nov. 10 Nov. 10 Nov. 10 Nov. 10 Nov. 10 Nov. 10	Large Incurved Large Incurved Int. Incurved Small Incurved Large Semi-Incurved Large Incurved Int. Incurved Med. Incurved Large Incurved	S-3 S-4 S-2 S-3 P-3 S-2 S-3 S-3 P-3 P-1
		11 Week Varieties	_	AV -
Sterling **Marketeer Mefo	July 25 July 28 July 28	Nov. 10 Nov. 18 Nov. 20	Large Incurved Int. Semi-Incurved Large Incurved	S-2 S-3 S-4

^{**}Also recommended for Pot Plants

White Standards

Variety	Pinch Date	Flowering Date	Description C	lassificati
		11 Week Varieties		
Cream Mefo **White Frick Indiana Market White Peter John	July 28 July 28 July 28 July 28	Nov. 20 Nov. 20 Nov. 20 Nov. 23	Int. Incurved Int. Incurved Int. Incurved Med. Reflexed	S-2 S-2 S-1 S-3
		12 Week Varieties		
Chattanooga December Glory **Margaret Moeller	Aug. 1 Aug. 5 Aug. 5	Nov. 25 Dec. 1 Dec. 3	Large Incurved Int. Incurved Int. Incurved	S-3 S-4 S-3
		13 Week Varieties		
December White White Mistletoe Snowline Smith's White Smith's Cream White	Aug. 5 Aug. 5 Aug. 5 Aug. 10 Aug. 10	Dec. 5 Dec. 5 Dec. 10 Dec. 13 Dec. 13	Int. Incurved Int. Incurved Large Incurved Int. Semi-Incurved Semi-Incurved	S-2 S-2 S-2 S-4 P-1
	Υ	ellow Standards		
		8 Week Varieties		
Honeysweet **Gold Lode Celestra Harvest Golden Valiant **Mrs. Kidder Butterball **Blazing Gold	July 15 July 10 July 20	Oct. 15 Oct. 15 Oct. 15 Oct. 15 Oct. 15 Oct. 20 Oct. 20 Oct. 23	Large Incurved Int. Reflexed Small Semi-Incurved Med. Incurved Large Incurved Int. Incurved Int. Incurved Int. Semi-Incurved	P-0 S-2 S-2 S-1 P-0 S-3 S-2 S-4
		9 Week Varieties		
**Smith's Superlative Yellow Ambassador **Yellow Bergen **Sunglow **Golden Glory Good News Yellow Albatross Yellow Ivanhoe	July 15 July 20 July 15 July 20	Oct. 25 Oct. 25 Oct. 25 Oct. 25 Nov. 1 Nov. 1 Nov. 1 Nov. 1	Int. Semi-Incurved Int. Semi-Incurved Int. Incurved Int. Incurved Int. Incurved Int. Incurved Int. Incurved Small Incurved	S-1 S-2 S-2 S-2 S-4 P-1 P-1
		10 Week Varieties		
Imp. Ind. Yellow **Ind. Yellow **Dk. Ind. Yel. (Pots) Yellow Queen Jamboree **Yellow Beauty Yellow Pockett Yellow Monument **Honey Dew	July 25 July 20 July 25 July 22	Nov. 5 Nov. 5 Nov. 5 Nov. 10 Nov. 10 Nov. 10 Nov. 10 Nov. 10 Nov. 10	Int. Incurved Int. Incurved Int. Incurved Large Semi-Incurved Int. Incurved Small Incurved Large Incurved Int. Incurved Int. Incurved	S-4 S-4 S-3 S-1 S-2 S-3 S-1
		11 Week Varieties		
**Yellow Marketeer **Bonnaffon Deluxe **Friendly Rival Yellow Mefo Cream Mefo **Purdue Harvester **Marie DePetris Yellow Peter John	July 25 July 28 July 28 July 28	Nov. 18 Nov. 20 Nov. 20 Nov. 20 Nov. 20 Nov. 20 Nov. 23 Nov. 23 Nov. 23	Int. Semi-Incurved Small Incurved Int. Incurved Large Incurved Large Incurved Int. Incurved Int. Incurved Int. Incurved Medium Reflexed	P-3 S-4 S-3 S-4 S-2 S-1 S-3 S-3
		12 Week Varieties		2 3
Dk. Yel. Chattanooga Yellow Chattanooga Golden Pearson Mrs. Calkins **Sungold Golden Mrs. Ross **Yellow Moeller **Also recommended for Po	Aug. 1 Aug. 1 Aug. 1 Aug. 1 Aug. 1 Aug. 1 Aug. 1	Nov. 25 Nov. 25 Nov. 25 Nov. 25 Nov. 25 Dec. 3	Large Incurved Large Incurved Int. Incurved Int. Semi-Incurved Int. Incurved Large Incurved Int. Incurved	P-2 S-3 S-3 S-1 S-3 S-3 S-2
11150 recommended for 10	v 1 1011105	1 10 11 E		

Yellow Standards

Variety	Normal Pinch Date	Flowering Date	Description Cla	Price ssification
Golden Mistletoe Chalice Tobin's Yellow Meteore **Dauntless	Aug. 10 Aug. 10 Aug. 10 Aug. 10 Aug. 23	13 Week Varieties Dec. 5 Dec. 5 Dec. 13 Dec. 13 Dec. 13	Int. Incurved Int. Incurved Int. Semi-Incurved Int. Semi-Incurved Small Semi-Incurved	S-1 S-1 S-3 S-3 S-2
	Bronz	e & Red Standards		
		8 Week Varieties		
Mayford's Triumph Amber Bright	July 15 July 15	Oct. 15 Oct. 15	Med. Incurved Med. Incurved	S-1 S-1
**Hilda Bergen **Glitters **Red Glitters Ivanhoe **Apricot Queen Detroit News **Royal Bronze	July 15 July 20 July 20 July 15 July 20 July 20 July 20 July 20 July 20	9 Week Varieties Oct. 25 Oct. 28 Oct. 28 Nov. 1 Nov. 1 Nov. 1 Nov. 1	Int. Incurved Int. Reflexed Int. Reflexed Small Incurved Int. Incurved Int. Incurved Small Semi-Incurved	S-2 S-1 S-1 S-2 S-2 S-4 P-3
**Ind Bronzo	July 25	10 Week Varieties Nov. 5	Int Inguryod	C 1
**Ind. Bronze **Ind. Golden Bronze **Dk. Ind. Bronze Anaconda Delaware Oakdale Br. Orchid Queen Mrs. Stahelin Mrs. Roy Garnet King	July 25 July 25 July 25 July 25 July 25 July 20 July 25 July 20 July 20 July 25 July 25 July 25 July 25	Nov. 5 Nov. 5 Nov. 8 Nov. 8 Nov. 10 Nov. 10 Nov. 10 Nov. 13	Int. Incurved Quilled; Semi-Incurved Int. Incurved Large Incurved Semi Incurved Int. Incurved Large Semi-Incurved Int. Incurved Int. Incurved Int. Incurved Int. Incurved	S-4 S-3 P-3 P-1 S-1 S-2 S-3 S-2
		11 Week Varieties		
Br. Frick Br. Peter John	Aug. 1 Aug. 1	Nov. 20 Nov. 23	Int. Incurved Medium Reflexed	S-2 S-3
Gladys Pearson Oak Leaf **Muto's Crimson	Aug. 1 Aug. 1 Aug. 1	12 Week Varieties Nov. 25 Nov. 25 Dec. 1	Int. Incurved Int. Incurved Int. Semi-Incurved	S-3 S-3 S-2
Bronze Mistletoe	Aug. 5	13 Week Varieties Dec. 5	Int. Incurved	S-2
		Pink Standards		
		8 Week Varieties		
Pink Chief Maj. Bowes	July 15 July 15	Oct. 15 Oct. 20 9 Week Varieties	Int. Incurved Med. Incurved	S-3 S-1
Sugarplum	July 15	Nov. 1 10 Week Varieties	Int. Incurved	S-1
J. W. Prince **Ind. Pink Orchid Queen Lavender Queen Dk. Orchid Queen **Queen of Pinks Pink Pockett Phillip Kay Pink Fern Edwards	July 22 July 22 July 22 July 20 July 22 July 20 July 20 July 20 July 22 July 22 July 22 July 22	Nov. 5 Nov. 15 Nov. 10 Nov. 10 Nov. 10 Nov. 10 Nov. 10 Nov. 10	Int. Incurved Int. Incurved Int. Incurved Large Semi-Incurved Large Semi-Incurved Small Incurved Large Incurved Large Incurved Large Incurved Large Incurved	S-2 S-4 S-2 S-2 S-3 S-4 S-3 S-3
Aristocrat **Helen Frick Rose Delight Thanks. Pink Ed. Seidewitz Dark Peter John Light Peter John	July 25 July 25 July 25 July 28 July 28 July 28 July 28 July 28	11 Week Varieties Nov. 20 Nov. 20 Nov. 20 Nov. 23 Nov. 23 Nov. 23 Nov. 23 Nov. 23 13 Week Varieties Dec. 5	Large Incurved Int. Incurved Med. Incurved Int. Reflexed Int. Incurved Medium Reflexed Medium Reflexed Int. Incurved	S-2 S-3 S-1 S-3 S-3 S-3 S-3
Pink Mistletoe	Aug. 5	Dec. U	and incurved	D-2
** Alex management and for De	+ Dlonta			

^{**}Also recommended for Pot Plants

Spider Types

	Normal		D	Price Classification
Variety	Pinch Date	Flowering Date	Description	
Nightingale	July 20	Oct. 25	White Chartreuse	Center S-2
Silver Queen	July 20	Oct. 25	White	P-1
**Queens Lace	July 20	Nov. 1	White	S-3
Kay Tashima	July 20	Nov. 1	White	S-1
White Mary Garden	July 20	Nov. 1	White	P-1
White Rayonnante	July 20	Nov. 5	White	S-2
Kegons White	July 25	Nov. 10	White	S-3
Moribana	July 15	Oct. 25	Yellow	P-1
Luyona	July 20	Oct. 25	Yellow	P-3
**Yellow Lace	July 20	Nov. 1	Yellow	S-3
**Gold Lace	July 20	Nov. 1	Yellow	P-3
**Hooked Yellow Lace	July 20	Nov. 1	Yellow	P-3
Yellow Rayonnante	July 25	Nov. 5	Yellow	S-2
Yel. Curly Spider	July 25	Nov. 5	Yellow	S-1
Lorraine	July 22	Nov. 15	Yellow	S-1
Dalwin	July 15	Oct. 25	Lt. Bronze	P-3
Antique	July 20	Nov. 1	Bronze	P-1
Waikiki	July 25	Nov. 5	Apricot Bronze	S-1
Gena Harwood	July 20	Nov. 5	Buff Bronze	S-2
Nomago	July 20	Nov. 5	Bronze	S-2
Mamoru	July 25	Nov. 5	Buff Bronze	S-1
Mrs. Eisenhower	Aug. 1	Nov. 5	Bronze	P-1
Mrs. Walker	July 20	Nov. 1	Deep Lavender	S-1
Mary Garden	July 20	Nov. 1	Pink	S-2
Rayonnante	July 22	Nov. 5	Pink	S-2
Peggy Hoover	July 22	Nov. 10	Pink	S-1
Sue Sally Jones	July 25	Nov. 5	Lemon	S-1
Bunbu	July 22	Nov. 1	Lavender	S-2

^{**}Also recommended for Pot Plants

Price Classification Translated on Page 21

BIRD VITA BANDS

Sold in case lots only

	VITA	BAND 10	VITA B		VITA BA	
	Quan.		Quan.	Per 1000	Quan.	Per
Size	per case	Per 1000	per case		per case	1000
$1\frac{1}{2} \times 2\frac{1}{2}$ "	2000	\$ 3.70	2000	\$ 3.85		
$1\frac{3}{4} \times 2\frac{1}{2}$ "	2000	4.00	2000	4.15	1000	\$ 5.45
$2 \times 2\frac{1}{3}$ "	2000	4.55	2000	4.65	1000	5.80
2 x 3"	2000	5.05	2000	5.35	1000	6.90
2½ x 3"	2000	6.00	2000	6.05	500	7.65
3 × 3"	1000	6.90	1000	7.05	500	8.50
4 × 3"	500	9.00	1000	9.25	500	10.45
4 x 4"	500	11.25	1000	11.60	500	12.90

TOM THUMB FLATS

Combination 1M Flats 12M Vita-Band 10 Per 1000 Sets	Sold in Units of 500 Sets Only	Tom Thumb Flats Units of 250 Only
Size #1 Size #2 \$86.45 \$95.65	PER THOUSAND	Size #1 Size #2 \$44.70 \$49.60

BIRD NEPONSET PAPER POTS

	Sold in units of 1000 only.	
	Red	Vita-Pots
	Per 1000	
2 -in.	\$ 8.60	\$14.60
2 1/4 -in.	8.60	14.95
$2\frac{1}{2}$ -in.	8.70	15.50
3 -in.	9.15	17.70
3½-in.	12.20	23.15
4 -in.	14.70	26.25
5 -in.	18.15	34.25
6 -in.	22.25	45.35

BIRD PERENNIAL POTS

				Per 100	Per 1000
5 x	51/2"			\$4.25	\$36.50
6 x	$6\frac{1}{2}''$			5.75	51.50
8 x	5 "	(Mum	Pan)	6.50	60.00
7 x	91/2"			6.75	62.85

Please order in units of 100

[Sixteen]

SYMBOLS: (L) LARGE — (D) DECORATIVE — (P) POM — (C) CUSHION (S) SINGLE — (B) BUTTON — (C-F) CARNATION FLOWERED

* RECOMMENDED FOR MOTHER'S DAY POT PLANTS PINCHED AND SHORT DAY TREATMENT SAME DAY D VARIETIES RECOMMENDED AS BETTER WHEN DISBUDDED

Large flowering Mums, which are normally grown in the greenhouse, but also are good outside, should be disbudded to one bloom per stem.

	but also are good out	side, should be disbudd	led to one bloom per	stem.	
Variety	Size & Type	Color	Height	Matures	Price Per 100
WHITE	ν Δ	_	3		
Osage Candlelight D. D. Ahrens Paper White Crystal Maid *Chris Columbus Wh. Cushion *Calcite Powder Puff (Cushion) Martens White Polar Ice *Wh. Bounty D Wh. Tower Snowspoon Wh. Wonder *Shalimar (H) *Ostosa (New) Wh. Cloud *Pepita Snow Fall Ermine Gardenia Limelight (New) *Lyric Avalanche *Horizon Youdath's Wh. *Marshmallow Snow Elf *Classic *Maestro Wh. Spoon *Silverplate Silver Ball Irene Norona	(CD) (D) (D) (D) (D) (D) (LD) (CD) (D) (LD) (LD) (LD) (LD) (LD) (LP) (LP) (CP) (LP) (CP) (D) (B) (D) (LD) (CD) (B) (D) (CD) (CP) (CS) (LD) (CP) (CS) (LD) (CP) (CS) (LD) (P) (CS) (LD) (P) (CS) (CD) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS	White Ivory White White Cream Cream White Cream White White White White Ivory Cream White	Med. Med. Tall Med. Short Tall Short Med. Short Med. Med. Tall Tall Tall Med. Med. Tall Short Tall Med. Med. Med. Med. Med. Med. Med. Med.	Sept. 5 Sept. 10 Sept. 10 Sept. 10 Sept. 12 Sept. 15 Sept. 16 Sept. 17 Sept. 18 Sept. 25 Sept	12.50 6.00 6.00 7.50 15.00 6.50 6.00 7.50 8.00 7.00 6.50 15.00 7.50 7.50 7.50 7.50 7.50 7.50 7.00 6.00 9.00 7.00 7.00 6.00 9.00 7.50 7.00 6.00 9.00 7.00 7.00 7.00 7.00 7.00 7.00 7
YELLOW					
Pathfinder *Early Gold Golden Hours Delight Genista Yel. Supreme (H) *Pomponette Yel. Cushion *Yel. Chris Columbus *Early Yellow Golden Carpet *D Ming *Aglow *Sept. Sunshine Wychwood Golden Wonder Canary Wonder Canary Wonder Chas. Nye Golden Sunset Honeycomb *Moonlight (DePetris) Lee Powell Tangerine Flaxen Beauty Tranquility *Chiquita James Eadie	(C-F) (P) (P) (P) (C) (C) (C) (LD) (B) (CP) (P) (P) (P) (P) (LP) (LP) (LD) (LD) (LD) (LD) (LD) (LD) (LD) (LD	Lemon Golden Chrome Yel. Golden Canary Brt. Lemon Golden Light Yellow Brt. Lemon Dp. Lemon Golden Orange Yel. Orange Br. Lemon Canary Golden Canary Golden Canary Golden Canary Hemon Copper Gold Golden Brt. Yel. Chinese Yel. Dp. Orange Light Lemon Light Lemon Deep Lemon Deep Chrome Lt. Lemon or 100 cuttings. Prices	Med. Short Med. Med. Med. Short Short Short Short Med. Med. Med. Med. Med. Med. Med. Med.	Aug. 28 Sept. 5 Sept. 8 Sept. 8 Sept. 12 Sept. 15 Sept. 20 Sept. 20 Sept. 20 Sept. 25	12.50 7.50 6.50 8.00 10.00 6.00 6.50 6.50 6.00 7.00 8.00 12.50 6.50 6.50 10.00 7.00 7.00 7.00 7.50 8.00 6.50 8.00 6.50 6.50 6.50 6.50 6.50 6.50 6.50 6

[Seventeen]

	Siza				Price
Variety	Size & Type	Color	Height	Matures	Per 100
YELLOW *Garland Yel. Avalanche Polaris *D Mrs. Rotan Dwight Douglas Sunstone (New) *Spode *Yel. Spoon Treasure Golden Spoon *Yel. Blanket Bright Forecast *Goldrush Sweepstake *Lemonade *Valiant *Gold Lode Rodell Imp. Yel. Irene Buttercup (H) (New) *Honeysweet Sarasota (New)	(S) (LD) (S) (LD) (LD) (Spoon) (L. Inc) (Spoon) (P) (L. Inc) (B) (B) (CL. Inc)	Lemon Light Lemon Golden Buff Deep Chrome Golden Yel. Light Yel. Lemon Light Yel. Golden Golden Brt. Lemon Brt. Lemon Lemon Lemon Lemon Lemon Lemon Light Golden Golden Golden Golden Golden Light Lemon Light Lemon Light Lemon Light Lemon Golden Golden Golden Golden Golden Golden Golden Golden Golden	Short Tall Med. Med. Med. Tall Short Med. Tall Med. Med. Med. Med. Med. Med. Med. Med.	Oct. 5 Oct. 5 Oct. 5 Oct. 5 Oct. 5 Oct. 8 Oct. 8 Oct. 10 Oct. 10 Oct. 10 Oct. 10 Oct. 12 Oct. 12 Oct. 12 Oct. 15	7.50 6.50 7.50 6.50 10.00 10.00 7.00 7.50 6.00 7.00 7.00 7.00 7.50 6.50 7.00 15.00 7.00 6.50 7.00 6.50 7.00
Early Harvest Harbinger Glow Worm W. P. Snyder Autumn Song Apache Autumn Tide Red Gold Orloma Flamboyant Overly Sept. Bronze Goblin Red Glow Orsona Scarlet Crimson Mme. Cadillac Alpena Rouge Cushion Br. Wonder Champ. Cushion Comd. Cushion Mah. Cushion Mah. Cushion Marionette Holiday (H) Elite Cushion *Remembrance Kath. Lehman Admiration Jubilee (H) Mogul Reverie Iron Mountain Magnificent Red Cloud (Cushion) Red Riding Hood Sam Williston (Cushion) Gondolier Bonfire Regina (New) Card. Spoon Firecracker Cydonia *Sept. Cheer Burgundy Ruby Pompon	(CD) (D) (D) (LP) (D) (LD) (D) (LD) (C) (D) (C) (D) (C) (D) (C) (D) (C) (D) (CD) (C	Mah. Orange Golden Br. Orange Scarlet Apr. Orange Wine Rose Red & Gold Coral Salmon Red & Gold Apr. Bronze Orange Br. Bronze Golden Br. Golden Br. Dark Red Red & Bronze Brt. Red Raspberry Wine Red Brt. Red Rosewood Dp. Bronze Red Jasper Red Golden Br. Salmon Br. Dp. Carmine Orange Br. Salmon Fawn Crimson Orange Rust Buff Br. Deep Red Plum Red Scarlet Brt. Red Apricot Br. Red Apricot Br. Red Apricot Br. Red Bronze Mahogany Mahogany Cherry Red Wine Red Rust Red Rust Red Rust Red Rust Red Rust Red	Short Short Med. Med. Med. Med. Med. Med. Med. Med.	Sept. 8 Sept. 8 Sept. 10 Sept. 10 Sept. 15 Sept. 15 Sept. 15 Sept. 15 Sept. 20 Sept. 20 Sept. 20 Sept. 20 Sept. 20 Sept. 20 Sept. 25 Sept. 21 Sept. 25 Sept. 25 Sept. 25 Sept. 25 Sept. 25 Sept. 25 Sept. 26 Sept. 27 Sept. 28 Sept. 21 Oct. 1 Oct. 5 Oct. 5 Oct. 5 Oct. 5	7.50 7.50 7.50 7.50 7.50 7.50 6.50 12.50 6.50 12.50 6.50 7.00 10.00 15.00 12.50 10.00 6.50 10.00 6.50 10.00 6.50 8.00 6.00 6.00 6.00 6.50 9.00 6.50 9.00 6.50 12.50 15.00 8.00 12.50 15.00 8.00 6.50 9.00

Note: Above prices are for 100 cuttings. Prices for larger quantities on Page 21.

Variety	Size & Type	Color	Height	Matures	Price Per 100
BRONZE & RED	-VP	0.0101	neight	matures	2 61 100
*Mrs. DuPont Beacon Buckeye Aviator Success Miguel *D Calumet (H) (New) Huntsman Carnival *Caravan Blueblood Carmine Queen *Bamboo Fireside Admiral Fashion Witchery *James Stewart Robinhue Rajah Chopin (New) Arvis (New)	(LD) (LD) (P) (P) (P) (LP) (D) (LD) (LD) (LP) (LD) (D) (LP) (D) (D) (D) (D) (D) (D) (D) (D) (D) (D	Coral Buff Coral Apr. Salmon Br. Copper Dp. Crimson Raspberry Red Apricot Scarlet Orange Burnt Orange Salmon Br. Amaranth Red Carmine Buff Orange Burnt Orange Burnt Orange Golden Br. Apr. Gold Dark Red Scarlet Lt. Bronze Bronze	Tall Tall Med. Med. Med. Tall Med. Tall Med. Tall Tall Tall Tall Tall Tall Tall Tal	Oct. 5 Oct. 8 Oct. 8 Oct. 8 Oct. 8 Oct. 8 Oct. 10 Oct. 12 Oct. 12 Oct. 12 Oct. 12 Oct. 12 Oct. 15	7.00 7.00 9.00 6.50 7.50 10.00 10.00 7.50 7.50 7.50 7.50 7.50 7.50 7.50
PINK & LAVENDER					
Gladness Cecil Beed Dr. Longley Sal. Precose Rosa Purple Star Joan Helen D Nye's Favorite Orchid Helen Royal Robe Chippewa Fairbow Tapestry Heather Bloom Alert Olive Longland Imp. Early Wonder Spellbound Capt. J. Smith Maj. Cushion Cecelia Rosita Malinda Brown Betty Misty Maid Pat. Lehman Sonny Fascination D Myrtle Walgreen Tiffany Rose Mischief Alex Cummings Northern Queen Corona (H) (New) Petrisian Mauve Petrisian Mauve Petrisian Rose Lav. Lady Ponca Dream Girl Courtier Time Orch. Spoon Rose Spoon Lassie Masquerade Joybringer	(D) (D) (D) (D) (D) (D) (D) (D) (D) (D)	China Rose Deep Lav. Rose Pink Salmon Pink Rose Pink Purple Dk. Purple Lavender Orch. Lav. Purple Brt. Purple Lav. Pink Brt. Pink Heather Pink Dk. Purple Apr. Salmon Lavender Lavender Lavender Lavender Lavender Lavender Lavender Purple Lavender Rose Lavender Rose Pk. Rose Ctr. Light Pink Peach Pink Deep Lav. Lav. Pink Amar. Purple Deep Rose Purple Deep Rose Lavender Dp. Lavender Mauve Lt. Pink Rose Pink Lav. Pink Rose Pink Lav. Pink Lav. Pink Lav. Pink Lav. Pink Dk. Lav. Lt. Lav. Lav. Lav. Lav. Rose Dk. Pink Lav. Rose Dk. Pink Lav. Rose Dk. Pink Lav. Rose Salmon Rose	Short Med. Med. Med. Med. Med. Med. Med. Med.	Aug. 28 Sept. 1 Sept. 1 Sept. 1 Sept. 5 Sept. 5 Sept. 10 Sept. 10 Sept. 15 Sept. 15 Sept. 20 Sept. 20 Sept. 20 Sept. 20 Sept. 25 Sept. 27 Sept. 28 Sept. 10	7.00 8.00 8.00 7.00 12.50 6.50 6.50 7.00 7.50 9.00 6.50 6.00 6.50 7.00 6.50 6.00 6.50 7.00 15.00 9.00 15.00 9.00 15.00 10.00 10.00 10.00 10.00 10.00 10.00 7.50 7.50 7.50 7.50 7.50 7.50 7.50

Note: Above prices are for 100 cuttings. Prices for larger quantities on Page 21.

Variety	Size & Type	Color	Height	Matures	Price Per 100
PINK & LAVENDER Ronnie Elizabeth Hood Allegro Adagio Sonnet *Jewell Enterprise Elizabeth Hood	(B) (LD) (P) (P) (P) (P) (P) (LD)	Dk. Lav. Lav. Pink Shrimp Pk. Raspberry Rose Salmon Pink Lav. Pink Amaranth Lav. Pink	Med. Med. Med. Tall Med. Med. Tall Med.	Oct. 12 Oct. 12 Oct. 12 Oct. 12 Oct. 15 Oct. 15 Oct. 15 Oct. 15	7.50 8.00 7.50 7.00 9.00 7.00 8.00

Large flowering Mums which are normally grown in the greenhouse, but also are good outside, should be disbudded to one bloom per stem.

WHITE Silver Sheen	M-Inc.	White	Tall	Oct. 20	6.50
YELLOW Harvest Golden D Gold Lode Celestra Mrs. Kidder Buttercup (H) (New) Valiant Honeysweet	M-Inc. M-Ref. M-Inc. L-Inc. M-Inc. M-Inc.	Deep Golden Lemon Lemon Dp. Lemon Golden Lt. Golden Lt. Golden	Tall Tall Tall Tall Short Med. Med.	Oct. 10 Oct. 15 Oct. 15 Oct. 15 Oct. 15 Oct. 15 Oct. 15	7.50 7.00 7.00 6.50 12.50 15.00
BRONZE & RED Amber Bright Chopin (New)	M-Inc.	Golden Yellow	Med.	Oct. 15	7.50
	M-Inc.	Amber Bronze	Med.	Oct. 15	12.50
PINK & LAVENDER Pk. Chief Major Bowes	L-Inc.	Lavender	Tall	Oct. 15	7.50
	L-Inc.	Dp. Lavender	Tall	Oct. 15	6.50

Note: Above prices are for 100 cuttings. Prices for larger quantities on Page 21.

EASTER DATES

1954		April 18	1958	 April	6	1962	***************************************	April 22
1955		April 10	1959	 March	29	1963		April 14
1956		April 1	1960	 April	17	1964	I	March 29
1957	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	April 21	1961	 April	2	1965	***************************************	April 18

SUGGESTED PROGRAM FOR MUM GROWING

- # 1-PLAN YOUR CROP
- # 2-PROPER SOIL MAINTENANCE
- **# 3-QUALITY CUTTINGS**
- # 4-PROPER SPACING
- # 5-FERTILIZATION AND WATERING
- # 6-PROPER PINCHING
- # 7—SPRAYING SCHEDULE
- # 8-SUPPORTING MUMS AND POMPONS
- # 9-PREVENTIVE SPRAYS FOR DISEASE CONTROL
- #10-CAREFUL GRADING

PRICES PER 100

Price Classification	50-250	300-450	500-950	1000-2450	2500 up
S-4	\$ 6.00	\$ 5.70	\$ 5.40	\$ 5.10	\$ 4.80
S-3	6.50	6.15	5.85	5.50	5.20
S-2	7.00	6.65	6.30	5.95	5.60
S-1	7.50	7.15	6.75	6.40	6.00
P-3	8.00	7.60	7.20	6.80	6.40
P-2	9.00	8.55	8.10	7.65	7.20
P-1	10.00	9.50	9.00	8.50	8.00
N-9	12.50	12.00	11.50	11.00	10.50
P-0	15.00	14.25	13.50	12.75	12.00

COLLECTIONS

When varieties are not specified, orders may be placed for any general grouping of varieties available at time of shipment. These orders must be in full 300 box units.

1 box (300 R. C.)	\$ 17.10
2 boxes (600 R. C.)	32.40
3 boxes (900 R. C.)	48.60
4 boxes (1200 R. C.)	61.20
5 boxes (1500 R. C.)	76.50
6 boxes (1800 R. C.)	91.80
7 boxes (2100 R. C.)	107.10
8 boxes (2400 R. C.)	122.40
9 boxes (2700 R. C.)	129.60
10 boxes (3000 R. C.)	144.00

For Growers who are not familiar with Garden Varieties, but who want a well balanced assortment, we offer the following Collections, which include the better varieties.

COLLECTION #1

Taller Varieties for cutting.

COLLECTION #3

50% for Cutting 50% for Bedding COLLECTION #2

For Pots or Bedding

COLLECTION #4

For Easter, Mother's Day or Memorial Day Pots

COLLECTION #5

Cushion Varieties Only

PRICES PER 100

300-450	500-1150	1200-2350	2400 & UP
\$5.70	\$5.40	\$5.10	\$4.80

Carnation Rooted Cuttings for 1955 Season

Cuttings will be available from December on

	WHITE	Per 100	Per 1000		RED	Per 100	Per 1000
Aurora. Large White			\$125.00	nCardinal Sim. New.			
Frosty. Pure White			160.00	Shade lighter than W			150.00
Hoosier Spice. White Jupiter. Large White	3	20.00	$175.00 \\ 105.00$	Dk. Red Sim. Red			150.00
Northland. A very po	opular white	12.00	100.00	Ember Sim. Lighter that *Jumbo Cardinal. Brillia			$\begin{array}{c} 150.00 \\ 125.00 \end{array}$
nOlivette Improved			125.00	*Red Beauty. Scarlet			125.00
White Baums Supren	ne. White	15.00	120.00	*Tom Knipe. Fine Red		15.00	125.00
*White Sidney Littlefi	eld. New	20.00	150.00	*William Sim. Cardinal I	Red	20.00	150.00
White Sim. White		15.00	125.00	*Woosters Scarlet. New I	Red	12.00	100.00
	AETFOM				MAROON		
nCanary Queen. Brigh			150.00			10.00	80.00
Colorado Gold. Yello			150.00	C. W. Weld. Dark Red I Tilly. Red Maroon			160.00
nDesert Sun. Pale Go *Harvest Moon. Orang	re vellour	20.00	$150.00 \\ 150.00$	*Topper. Velvety Maroon			150.00
Midas. Yellow	ge yellow	15.00	125.00	Woburn. Maroon			90.00
Miller's Yellow, Yello	ow	12.00	100.00			_	
*Pattens Yellow. Yello	ow	20.00	150.00		NDER & PURPI		
Shirley Ann. Yellow		15.00	125.00	Lavender Rose. True La	avender	15.00	125.00
	LIGHT PINK			Royalty. Royal Purple	****	22.00	180.00
Catron Shell Pink Sir	m. Sport of Wm. Sin	a 20.00	150.00	V	ARIEGATED		
nGordon. Delicate she	ell pink	18.00	150.00	Barbara Brigham. Orang		ine 10.00	90.00
Hercules Virginia. Li	ght Pink	15.00	125.00	Candy Lee. Variegated			150.00
Janie. Light Pink nLight Pink Littlefield			$150.00 \\ 150.00$	Cooper Variegated Sim.	Red and Whi	te 20.00	150.00
Light Pink Sim. Ligh	nt Pink	20.00	150.00	Crimson King, Dark Cr	imson	22.00	180.00
Mr. Pink. Light Pink			150.00	Edith. Variegated		20.00	150.00
Netta. Light Pink		15.00	125.00	Gaiety. White & Red V	ariegated	20.00	150.00
Petersen's Pink Sim.			150.00	Geigers Variegated Sim Harlequin, Variegated r	· "Iwamie"	15.00	125.00
Shell Pink Sim	-l-4 Di-1-	15.00	125.00	Hocsier Gold. Yellow w	ith Pink	20.00	125.00 175.00
Virginia Supreme. Li		12.00	100.00	Mamie. White with Red	spots	20.00	150.00
	MEDIUM PINK			*Mohawk. Yellow with p	ink stripes	20.00	150.00
nBelvedere. Medium	Pink	20.00	150.00	Orchid Dandy. Orchid V	Variegated	20.00	160.00
Sidney Littlefield. Mediu	ealum Pink	15.00	125.00	nPeppermint Stick Littlef		20.00	4 = 0 00
Virginia Irvin. Mediu Virginia Rose. Mediu	m Pink	10.00	$100.00 \\ 80.00$	Variegated pink	aloid writh moone	20.00	150.00
		10.00	00.00	Raspberry Ice. White wi	ith nale orchid	15.00	$100.00 \\ 125.00$
	SALMON PINK	15.00	107.00	Sarah Jane Knipe.	tui pale ofciilu	13.00	125.00
Apollo. Salmon Pink Debbie. Salmon Pink	-	. 19.00	$125.00 \\ 150.00$	Bright purple with Si	lver edge	20.00	150.00
*Janie. Light Salmon		20.00	150.00	Saturn. Orange Bronze		12.00	100.00
Salmon Sim. Salmon	Pink	20.00	150.00	Scarlet Sim. Variegated		20.00	150.00
	DARK PINK			Scarlet King. White over	rlaid with scar	let 15.00	125.00
Baums Supreme. Bea		15.00	120.00	nScarlet Queen. Orange V *Starlight. White with P	variegated ink Strines	15.00	$125.00 \\ 125.00$
Canup's Pride. Cerise			120.00	*Symphony. Reddish Purp	ole	10.00	123.00
Charlene. Dark Pink		. 20.00	150.00	stripes on Mauve		20.00	150.00
*Citation. Striking Ros	se Pink, Silver Edg	e 15.00	125.00	*nTetra-Sarah Jane. Mager	nta with		
Dark Virginia Hercu	les. Dark Pink	12.00	100.00	Silver Edges		25.00	200.00
*nSaugus Pink. Soft De Virginia Miller. Dark	ep Pink	12.00	$150.00 \\ 100.00$	Unique. nVariegated Littlefield. M	Indium Dinle	15.00	125.00
				ite. Variety Harvest Moon			150.00
willimum or	Varieties marked	(*) are s	old under gr	owers patent or restricted and more recent introduction	agreement.	ler 250.	
		`		OOTED CUTTINGS FOR 19			
Achilles. A large cle							D 6
Adonis. White				Venus. Salmon Pink Ceres. King Cardina	l color		P-3
Aurora. A large wh	nite		P-3	Neptune. Scarlet			P-3
Jupiter. A large wh				Siren. A bright scar	·let		D_9
Juno. Medium sized				Titan. Intense crims	on red		P_9
Apollo. Salmon Pink	Χ ,		P-3	Mentor, Rose Pink			D_1
Aphrodite. Light Pi				Vesta. Crimson			P-1
Cupid. A true Briare Diana. Light Pink	emi Pink		P-2 P.3	Vulcan. Crimson—m Cassandra. A lively	aroon group		P-3
Eros. Light Pink				Midas. Yellow	yellow		P-2
Minerva. Deep scarl	et-pink		P-3	Saturn. Bronze			D 3
Pandora. A dark pi	ink		P-2	Orion. Glowing embe	er		P-3
Price			Prices fo	or 50 or multiples of 50 of a	variety		
Classification				ipment are indicated in this			
	Per 50 _		L	Per 100 —			
	50 1	00-250	300-45		00-2450	2500 up	
P-1	\$ 7.50 \$	14.25	\$13.50		12.00	\$11.25	
P-2	6.75	12.80	12.15	·	10.80	10.10	
P-3	12.00	11.50	11.05		10.10	9.60	
				10.00	. 5. 10	7.00	

No C.O.D. Orders Accepted. Prices subject to change without notice.



PLANTS, CUTTINGS BULBS, SEEDS, INSECTICIDES

746 New Holland Ave.

PHONE 2-2773

740 New	Holland Ave.	
	LANCASTER, PA	19
SHIP TO		
EXP. OFFICE		
POST OFFICE		
DELIVERY		
	THE RESERVE OF THE PARTY OF THE	

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PHONE 2-2773

PLANTS CUTTINGS BULBS SELDS

LANCASTER PA. SHIP TON EXP. OFFICE POST OFFICE DELIVERY 0,00 0,00 0,00 0,00 0,00 Action, with comp

1/16 oz. **30.00**

1/8 oz. 58.00

PETUNIAS

GRANDIFLORA F-1 HYBRID SINGLES FOR POTS

BALLERINA. Large single fringed dwarf glowing salmon. $3\frac{1}{2}$ -4 inches.

BOLEÃO. Carmine rose pink, ruffled and fringed. 31/2-4 inches

LA PALOMA. Large fringed pure white with yellow throat. 31/2-4 inches.

TANGO. Deep scarlet salmon, large flowered. 3½-4 inches. EACH ABOVE: ½ Tr. Pkt. 1.35 1/128 oz. 4.50 1/32 oz. 15.00 Tr. Pkt. 2.50 1/64 oz. 8.00

PETUNIAS

F-1 HYBRID MULTIFLORA SMALL FLOWERED FOR POTS AND BEDDING

COMANCHE. Deep scarlet-red 21/2 in. flowers, freely produced on base branching plants, semi-compact habit. Height 15 in., spread 18 in.

LINDA (Improved Silver Medal). Clear light salmon pink, up to 3 in., very free flowering. Compact, strong grower. Height 15 in., spread 18 in.

ROSE CHARM. Rich rose, strong grower, very show flowers almost covering the entire large spread of growth. 1/128 oz. **3.50** 1/32 oz. **12.00** EACH ABOVE: Tr. Pkt. 1.75 1/64 oz. **6.50** 1/16 oz. 22.00 ½ oz. 40.00

ALL-DOUBLE PETUNIAS

pink, 2½ in. flowers. Fine for cutting or bedding. Tr. Pkt. 2.25 1/128 oz. 4.25 1/64 oz. 7. pink, 2½ in. flowers. 1.1.2. 1/04 02. 1.1.2. 1/128 0z. 4.25 1/128 0z. 4.25 1/16 0z. 27.50 1/16 0z. 27.50 ALL-DOUBLE CANADIAN MIXTURE. Includes pink. rose, salmon, mauve, white. 1/2 Tr. Pkt. 2.00 1/128 0z. 6.60

Tr. Pkt. 3.50 1/64 oz. 12.50 1/32 oz. 24.00

ALL-DOUBLE GIANT FRINGED DWARF VICTORIOUS STRAIN

AMARANTH RED. Dwarf and bushy plant similar to "World Beauty" in habit, color a rich Amaranth

BLUE BROCADE. Dwarf All Double fringed true

Violet-Blue. ILLUMINATION. A new bright red with a scarlet sheen. Developed from "World Beauty." Very large

well fringed double dwarf. LOVELINESS. Clear pink with same habit as World

SNOWBALL. A fine pot plant carrying 4 in. flowers of the purest white, well fringed and of dwarf habit. SILVER BLUE (Clear Blue). Without vein. Well fringed dwarf

WORLD BEAUTY, IMP. The best in this class for pot culture. Bright rose in color, beautifully fringed Giant All-Double flowers on Dwarf plants.

VICTORIOUS ALL-DOUBLE DWARF MIXED.

Each: 1/2 Tr. Pkt. 2.00 Tr. Pkt. Tr. Pkt. 3.00 1/128 oz. **6.50** 1/64 oz. **10.50**

1/32 oz. **19.00**

PETUNIAS ALL-DOUBLE PAN-AMERICAN STRAIN

ALLEGRO. Large fringed deep salmon. CAPRICE. Double deep fringed bright rose dwarf. MINUET. Orchid Lavender. Tall growing. NOCTURNE. Deep midnight purple, semi-double. RHAPSODY. Burgundy wine-purple. SONATA. Large double pure white flowers. Beau-EACH OF THE ABOVE:

1/4 Tr. Pkt. 2.75

GLORIOUS MIXTURE. Contains tall and dwarf types in all of the above colors in formula mixture. ½ Tr. Pkt. 2.25

Tr. Pkt. 4.00 1/128 oz. 8.00 1/64 oz. 14.50 1/32 oz. 28.00

PETUNIA SINGLE FLD.

RUFFLED MONSTERS

Giant ruffled flowers 4 to 5 in. across with wide open throats finely veined, in gorgeous colors.
CRIMSON GLORY.

GLAMOUR. Huge Salmon pink. LILAC. Blue veins. RED PRINCE. Dark crimson. SALMON BEAUTY. Rich shade.

WHITE GIANT

RUFFLED MONSTERS. EACH ABOVE:

Tr. Pkt. .65 1/64 oz. 1.55 1/32 oz. 3.00 SUPREME FLORIST MIXTURE. Ruffled giants in Rose and Pastel shades. Tr. Pkt. .65 1/64

1/64 oz. 1.55

DWARF GIANTS OF CALIFORNIA Dwarf. Early flowering and especially suited for pot culture.

SUPER DWARF GIANTS.
SENSATION MIXED SHADES.
Tr. Pkt. 1.25 1/64 oz. 3.00 1/32 oz. 5.75 1/16 oz. **11.00** 1/s oz. 20.00

RAMONA STRAIN DWARF GIANTS

DARK SHADES. Ruffled and fringed with fine well marked open throats.
LIGHT SHADES. Well ruffled, large flowers, very

dwarf plants.

DARK AND LIGHT SHADES MIXED.

EACH OF THE ABOVE:

Tr. Pkt. 1.25 1/64 oz. 2.50 1/64 oz. **2.50**

1/32 oz. 4.50 1/16 oz. **8.00** ½ oz. **14.00**

DWARF HYBRIDAS FOR BEDDING

ADMIRAL IMPR. Clear bright velvety blue.

1/32 oz. \$2.90 Tr. Pkt. .80 1/64 oz. **\$1.65** ALDERMAN. Fairly uniform growth with medium small blue flowers. Tr. Pkt. .40

 $\frac{1}{4}$ oz. \$1.35 1 oz. \$4.25 BLUE BEDDER. Vigorous growth, large flowers and more blue.

Tr. Pkt. .40 1/4 oz. \$1.35 1 oz. \$4.25 BRIGHT EYES. 10 in. uniform and dwarf, rose pink with white throat.

CELESTIAL ROSE IMPR. Deeper rose coloring and larger flowers than original stock. Good for pot plants. Tr. Pkt. 60 $\frac{1}{2}$ oz. \$1.15 $\frac{1}{2}$ oz. \$2.00 1 oz. 6.50

CHEERFUL. Medium large, star shaped flowers of clear salmon.

salmon.
Tr. Pkt. .75

1/16 oz. \$2.00

ELK'S STAR. Deep velvety crimson with White Star.
Tr. Pkt. .50

1/16 oz. \$1.25

½ oz. \$2

Tr. Pkt. .50 1/16 oz. \$1.25 $\frac{1}{2}$ oz. \$2.20 FIRE CHIEF. Newly opened flowers are red turning to scarlet.

Tr. Pkt. .50 1/16 oz. \$1.65 ½ oz. \$2.90 GLOW. Bright rose red flowers are produced in abundance

on stocky plants.

Tr. Pkt. .50 1/16 oz. \$1.65 ½ oz. \$2.00 ½ oz. \$3.75

HEAVENLY BLUE. An old favorite. The best in silvery blue.

Tr. Pkt. .50 % oz. \$1.00 IGLOO. White extre dwf. Bushy habit. 1/4 oz. \$1.75

Tr. Pkt. .60 ½ oz. \$1.15 ¼ oz. \$2.00 KING HENRY. Deep velvety crimson. A choice pot plant. Tr. Pkt. .75 1/32 oz. \$1.50 1/16 oz. \$2.75 ½ oz. \$5.25

NORMA. Lavender with White Star dwf. and compact. Tr. Pkt. .40 ½ oz. \$1.40 ½ oz. \$2 1/4 oz. \$2.50 ROSE OF HEAVEN. Well known Rose Pink for bedding.
Tr. Pkt. 40 ¼ oz. \$1.15 1 oz. \$3.40
ROSY MORN. Popular Rose Pink, with White Throat.
Tr. Pkt. 50 ¼ oz. \$1.50 1 oz. \$5.25

1 oz. \$5.25

SNOW QUEEN. Pure White Free Flowering.
Tr. Pkt. 50

1/4 02. \$1.30

Tr. Pkt. 50

1/4 0z. \$1.00 Tr. Pkt. .50 $\frac{1}{100}$ oz. \$1.00 $\frac{1}{100}$ oz. \$1 SNOWBALL IMPR. Pure white compact and uniform. 1/4 oz. \$1.75

 $\frac{1}{1}$ oz. \$1.80 Tr. Pkt. .50 1 oz. \$5.40 TOPAZ QUEEN. Glowing Carmine Rose with Orange Scarlet Overtone. Tr. Pkt. .50

1/8 oz. \$1.00 1/4 oz. \$1.75

TWINKLES. Showy Rose Pink with White Star.
Tr. Pkt. .50 ½ oz. \$1.75 1 oz. \$6.00
VELVET BALL. Dark Red. Better adapted for bedding

use. Good color.
Tr. Pkt. .75 1/32 oz. \$1.50 1/16 oz. \$2.75 1/2 oz. \$5.25
WHITE PERFECTION. An excellent compact pure white. Tr. Pkt. .50 1/4 oz. \$1.50 1 oz. \$4.50

SUNDRIES

SUNDKIES	
ELECTRA—Fertilizer—5-10-3 Organic 80 lbs.— \$6.0 HORMODIN No. 1 1 lb. Tin— 3.0 ROOTONE—a plant Hormone powder for rooting cuttings 2 oz.—\$1.00; 1 lb.— 5.0 PLANTHION—Wettable, 15% (For outdoor use only). Good control on Cyclamen mite on Delphinium, and als good for Red Spiders 4 lbs.— \$4.7 BUG-GETTA PELLETS—Cutworms, snails, etc. 2.0	00000
LETHALAIRE	
G-52 G-53 G-54 G-56 G-57 G-58 5% TEPP 5% DDT 10% Parathion 5% HETP 5% Dithiono 10% K6451 \$6.50 \$8.50 \$8.00 \$6.50 \$8.00 \$10.00 GAS MASK G-3 F D—Complete with Canister, cardboard carton \$22.5 GAS MASK G-3 F D—Complete with Canister, fibre carrying case 25.0 EXTRA CANISTERS LETHALAIRE APPLICATORS—24" with cylinder pack 5.5 36" with cylinder pack 6.5 48" with cylinder pack 7.0	0 0 0
PRESERVATIVES	
CUPRINOL GREEN-10—This wood preservative can be used to protect your frames, seed boxes, benches, flat and stakes 1 gal. can—\$4.70; 5 gal. can—\$22.00; 50 gallon drum—\$190.0 CUPRINOL FOR DIPPING 5 gal. can—\$14.25; 50 gallon drum—\$119.2	0
SMOKE FUMIGATORS PLANTFUME DIELDRIN	
FULEX - PACKED 24 CANS PER CASE SMOKE GENERATOR	
SPIDER CONTROLS THRIPS, FALL ARMY WORMS, LEA ROLLERS, TARNISHED PLANT BUGS and JAPANES ROLLERS, TARNISHED PLANT BUGS and JAPANES BEETLES. 2,000 cu. ft. 10.50 10.00 10.50 BEETLES. 2,000 cu. ft. 13.50 13.00 13.50 40,000 CU. ft. GENERATOR \$15.00 ctn. of 3 to 40,000 CU. ft. GENERATOR \$15.00 ctn. of 1 to 40,000 cu. ft. 16.00 16.00 18.00 SEMESAN — SEED DISINFECTANT 12 oz. \$2.8 to 40,000 cu. ft. 25.00 24.00 30.00 DOWFUME M.C. 2, 24 per case \$20.0 DETEX SPRAY Gal. \$11.0	6 2 5 0
FUMIGANTS, INSECTICIDES, Etc., for Florists	
DEENATE 50-W-DuPont DDT Wettable Powder 4 lbs.—\$2.50, 25 lbs.—\$18.7 5% D.D.T. for dusting 5 lb. cans—\$ 1.2 DOW'S "MIKE" SULPHUR DUST— 10 lb. bag—\$1.50; case of 6 10-lb. bags—\$ 8.0 FERMATE 3 lbs.—\$2.45; Case (36 lbs.)—\$25.8 PARZATE—Excellent organic fungicide 3 lbs.—\$2.70; case (12 3-lb. bags)—\$31.2 ZERLATE 3 lbs.—\$2.45; Case (36 lbs.)—\$25.8 ARAMITE, 15 W 4 lb. bag—\$ 3.5 OPTOX—Effective insecticide 1 gallon 10% DDT—\$12.0 ORTHOCIDE 50-W 50 lb. drums—\$54.00; 5 lbs.—\$ 5.7 DU PONT SPREADER STICKER—Combined spreader and sticker. 1 gallon—\$9.20	5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
BENZO-FUME PRESSURE FUMIGATORS—	
1 case (12 ½-lb. cans)—\$4.40; 1 case (12 1-lb. cans)—\$7.00 HYPOZENE 70	0
With 2% DDT 25 lbs.—\$5.50; 50 lbs.—\$11.50; 100 lbs.—\$22.0 VAPOTONE—The new Red Spider spray of Hexaethyl Tetra-Phosphate 1 gallon—\$11.9	0

Prices Subject To Change